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GHITESCU, Ion (Bucaresti); IMBREVICI, Valeriu (Bucaresti); RADU, Ionel (Bucaresti);  
prof. (Bucaresti)

Mathematical notes. Transl. from Russian. P. 163.

HORTOLONI, N.academician.; FINGERHUT, Bruno.; PETRESCU, Valeriu.; GHITESCU, Tiberiu.; MARINESCU-SLATI .., Dimitrie.; BOERIU, Valeriu.

Experimental studies of renal pre-lithiasic states caused by injection of sulfonamides, staphylococci ( microbial toxins) and sodium iodide (disorders of chemical metabolism)  
Probl. ter., Bucur. Vol. 1:169-180 1954.

(KIDNEYS, calculi  
pre-lithiasic states induced in dogs by inject. of sulfonamides, sodium iodide & cultures of *Micrococcus pyogenes*)

(CALCULI  
renal pre-lithiasic states induced in dogs by inject. of sulfonamides, sodium iodide & cultures of *micrococcus pyogenes*)

(SULFONAMIDES, eff.  
pre-lithiasic states in kidneys of dogs)

(IODIDES  
sodium, inject. causing renal pre-lithiasic state in dogs)

(MICROCOCCUS PYOGENES  
toxin, inject. causing renal pre-lithiasic state in dogs)

MARINESCU, Voinea,.; GHITESCU, Tiberiu,.; GATOSCHI, Gatoschi,.;  
STEFANESCU, Traian,.; STANESCU, Mihai,.; LITARCZEK, George.

Experimental and clinical angiography with heart  
catheterization. Probl. ter., Bucur. Vol 1:191-207 1954.

(ANGIOGRAPHY

angiography with heart catheterization in various  
cardio-mediastinal disord)

(HEART

catheterization with angiography in various  
cardio-mediastinal disord.)

(CARDIOVASCULAR DEFECTS, CONGENITAL, diagnosis

angiography with heart catheterization)

MARINESCU, Voinea.; GHIMESCU, T.; STEFANESCU, Tr.; GATOSCHI, G.

Cardiac catheterization. Bul stiint., sect. med. 7 no.4:1003-1018  
Oct-Dec 55.

(HEART  
catheterization, technic & possible compl.)

CHITESCU, T.; SFTLAGMS, D.; LITARCZEK, G.; FOTIADÉ, B.

Cardiac resuscitation in mitral stenosis. Bul stiint., sect. med.  
7 no.4:1107-1128 Oct-Dec 55.

(MITRAL STENOSIS, surgery  
cardiac arrest in, resuscitation & prev.)

(CARDIAC ARREST  
in surg. of mitral stenosis, resuscitation & prev.)

(RESUSCITATION  
in cardiac arrest during surg. of mitral stenosis)

EXCERPTA MEDICA Fac.9 Vol.11/9 Surgery Sept 1957

4918. GHITESCU T., STEFANESCU T. and SETLACEC D. "Operații reparatoare în anevrizmele arteriale și arterio-venoase. Operații pentru repararea arteriale și arteriovenoase anevrizme. PROB. TERAPEUT. 1956, 3 (117-130) Illus. 19

A review is presented of palliative, radical and conservative or reconstructive operations, to be carried out in cases of arterial and arteriovenous aneurysms, and emphasis is laid on the advantage of the reconstructive procedures. Five cases are reported in illustration: (a) reconstructive endo-aneurysmorrhaphy with suturing of the arteriovenous communication, with sacrifice of the vein, in a case of arteriovenous aneurysm of the popliteal artery and vein; (b) ligation of the aorto-caval communication in a case of complex aorto-cavo-mesenteric aneurysm; (c) venous autografting (of the saphena interna) in 3 cases, one arteriovenous aneurysm of the left femoral artery, one arterial aneurysm of the right subclavian artery and one aneurysm of the humeral artery. Emphasis is laid on the superior qualities of these reconstructive operations, which restore the continuity of the arterial and venous tubes. Some data are presented on vascular grafting in general and on stored auto- and homografts in particular, as well as on the surgical technique in vascular surgery. (IX, 18)

## EXCERPTA MEDICA Sec 18 Vol. 1/11 Cardiovas. Dis. Nov 57

3295. GHITESCU T., STEFANESCU TR., FOTIADE B. and PROINOV FR.  
Cercetari experimentale asupra modificarilor tensionale in comunicarile arterio-venoase. *Experimental studies of the pressure modifications in arteriovenous shunts*  
Com. Acad. R.P.R. 1956, 6/9 (1155-1158)

In 10 large dogs, the following arteriovenous shunts were created: 3 aorto-caval, 2 carotid-jugular, 2 between the primary iliac vessels, 2 between the femoral vessels, and 1 between the carotid and the femoral vessels in the same animal. In 5 animals, the pressure curves, the oxygen concentrations and the flow through the shunt were studied. Arterial tension was recorded by using cardiac catheters connected with a manometer. The venous pressure curves taken near the anastomosis have the appearance of arterial curves. The curves of the vena cava, after aorto-caval anastomosis, have a particular character. Oxymetric examinations revealed that where there are important arteriovenous shunts, the venous blood penetrates into the artery. The amplitude of the venous pressure curves diminishes at a certain distance from the anastomosis.

HORTOLOMEI, N., Academician; GHITESCU, T.; STEFANESCU, Tr.; SETLACES, D.

Reestablishment of arterial circulation in arterial and  
arteriovenous aneurysms. Bul. stiint. sect. med. 8 no.1:  
63-69 Jan-Mar 56.

(FISTULA, ARTERIOVENOUS, surgery  
reestablishment of arterial circ. by aneurysmorrhaphy,  
grafts & suture, methods)

(ANEURYSM, surgery  
(SAME)

(TRANSPLANTATION  
arterial homografts & venous autografts in surg. of  
arterial & arteriovenous aneurysms)

*Ghitescu, T.*

RUMANIA/Human and Animal Physiology - Blood Circulation.  
General Problems.

T-4

Abs Jour : Ref Zhur - Biol., No 18, 1953, 84147

Author : Hertolomci, N., Ghitescu, T., Iapahagi, E., Fotiade, B.

Inst : Medical Branch of the Rumanian AS.

Title : Changes of Blood Pressure at the Presence of Various External and Interior Manipulations of the Heart (Experimental Study).

Orig Pub : Bul. stiint. Acad. RPR. Sec. med., 1956, 8, No 4, 959-972

Abstract : Tugging, which conditions the turning of the heart, causes considerable changes in blood pressure. As the commissure of the mitral valve at the antero-external level is pressed upon, arterial pressure becomes lowered; its more pronounced lowering is observed as pressure is applied to the postero-internal commissure. Under pathologic conditions,

Card 1/2

*Gh. I. Gh. I.*  
EXCERPTA MEDICA Soc.9 Vol.12/4 ROMANIA APRIL 1958

2418. STUDY ON THE INNERVATION OF ANEURYSMS AND TRANSPLANTS  
(GRAFTS) OF THE AORTA - Inervatia anevrismelor și a transplantelor  
de aortă - Hortolomei N. and Ghiteșcu T. - REV. MED.-CHIR.  
1958, 60/4 (79-86) Illus. 12

Starting from the well-known fact that in the walls of the arteries there exist nerve plexuses in the tunica adventitia and the tunica media, a study is made of the nervous systems of the wall of the aneurysm, a nervous system on which the medical literature does not give any information so far as is known. In the walls of the aneurysms studied, irrespective of their aetiology, changes in the nerve filaments of the tunica adventitia and the tunica media were observed. These changes were of varied appearance (moniliform, vacuolar, etc.). The study of the nervous system of an arterial homograft reveals rich sheaths of nerve fibres localized along the passage of the new vessels, particularly in the tunica adventitia. This is believed to be evidence of the effort exerted on the part of the host to ensure a normal trophicity and to integrate the homograft into the unity of the organism by means of the nervous system. (EX. 18)

HORTOLOMBI, N.; CHITESCU, T.; STANCESCU, M.; PROINOV, Fr.

Syndrome of compression of the superior vena cava studies from surgical point of view. Probl. ter., Bucur. 8:101-109 1957.

(VENAE CAVAE, diseases

compression of superior vena cava by mediastinal tumors,  
thromboses, aneurysma or other causes, diag. & ther.)

(AORTA ANEURYSM, compl.

synd. of compression of superior vena cava, diag. & ther.)

(MEDIASTINUM, neoplasms

causing compression of superior vena cava, diag. & ther.)

EXCERPTA MEDICA Sec.13 Vol.2/3 Cardiovascular Dis. Mar58  
GHITA S. L. T.

841. Thrombosis of the aortic bifurcation, the iliac and femoral arteries treated by a frozen homograft Thrombose de la bifurcation aortique, des iliaques et des fémorales communes, traitée par un homotransplant conservé au froid. GHIȚĂ S., FLORIN N., BUSU I. and STEFANESCU T. Bucarest Lyon chir. 1957, 55/3 (331-342) Graphs 5 Illus. 13

After a few considerations on the aetiology, the diagnosis and the treatment of thrombosis of the aortic bifurcation, the authors present a case on which they operated for a thrombosis at the aortic bifurcation which descended into the iliac and the common femoral arteries: extirpation of all the thrombosed segments, and revascularization by a homograft extending from the renal arteries to the common femoral bifurcation. The homograft had been taken from the corpse of a young man killed by accident and preserved for 6 days in physiological serum with added penicillin. Post-operative examination and the oscillometry after the operation showed the patency of the whole arterial system of the legs. Disappearance of impotence, principal sign of Lerche's syndrome. (XVIII, 9)

*Ghiteșco T.*  
EXCERPTA MEDICA Sec 5 Vol 12/1 Gen Pathology Jan 59

92. INNERVATION OF ANEURYSMS - L'innervation des anévrismes - Herting-  
mer N. and Ghiteșco T. Bucarest - LYON CHIR. 1958, 54/3 (368-372)  
Illus. 5

By means of Bielschowsky-Gross's method of silver impregnation, a study was  
made of the walls of 4 aneurysms of different aetiologies and of a substenotic  
ectasia of the aorta. In the adventitia of the aneurysm, a whole series of altera-  
tions in the nerve fibres, notably consisting of multiple swellings and vacuolations,  
bulb-shaped dilatation and moniliform appearance of the fibres, were observed.  
Besides, nerve sheaths of unequal calibre were noted. It is believed that these  
nervous lesions may provoke reflexes which influence the local and the general  
blood circulation.

Conti - Fribourg

HORTOLOMEI, M.; CRACIU, E.O.; GHITESCU, T.; MALITCHI, Elena; ZAHARIA, Maria

Importance of biopsies of the left auricle for surgery of mitral stenosis. Probl. ter., Bucur. 10 no.1:7-10 1959.

(COMMISSUROTOMY

perop. biopsy of left auricle)

(CARDIAC SEPTUM, pathology

biopsy of left auricle in commissurotomy for mitral stenosis)

HORTOLOMEI, N., Academician; GHITESCU, T.; MALITCHI, Elena; STAFANESCU, Tr.;  
POTIADÈ, B.; FLOREA, N.

Indications for the Blalock operation in Fallot's tetralogy.

Prob. ter., Bucur. 10 no.3:15-19 '59.  
(TETRALOGY OF FALLOT, surgery)

HORTOLOMEI, N., Academician; GHITESCU, T.; GATOSCHI, Gh.; STANESCU, Tr.;  
BOIU, S.; PROINOV, Fr.

Experimental and clinical research on coronary circulation.  
Probl. ter., Bucur. 10 no.3:77-85 '59.  
(CORONARY VESSELS, physiology)

HORTOLOMMI, N., academician; GHITESCU, T.; STEFANESCU, Tr.

Experimental research concerning reparative surgery in mitral insufficiency. Probl. card., Bucur. 4:9-20 '59  
(MITRAL VALVE, surgery)

STEFANESCU, Tr.; GHITESCU, T.; POTIADÈ, B.

Catherterization of the right heart in congenital heart diseases.  
Fundamentals of surgical technic. Probl. card., Bucur. 4:185-228 '59.  
(HEART DEFECTS CONGENITAL, diagnosis)  
(HEART SURGERY)  
(HEART CATHETERIZATION)

HORTOLONSKI, N, Academician ; GHITESCU, T. ; STEFANESCU, Tr. ; ENESCU, N. ; PROINOV, Tr.

Experimental research on methods of irrigation of the brain.  
Probl. ter., Bucur. 10 no.3:71-76 '59.  
(BRAIN blood supply)

HORTOLOMEI, N., academician; GRACIUN, E. C.; GHITESCU, T.; MALITCHI, Elena;  
ZAHARIA, Maria

The importance of biopsies of the left auricle for surgery of mitral  
stenosis. Probl. ter. 10 no.1:7-10 '59.

(MITRAL STENOSIS surgery) (HEART pathology)

MARINESCU, Voinea, prof.; SETLACEC, D.; GHITESCU, T.; STEFANESCU, Tr.

Correction of an interatrial septal defect associated with anomalies  
in the implantation of the right pulmonary veins. Rumanian M Rev.  
no.2:58-62 Ap-Je '60.

(HEART SEPTUM abnormalities) (PULMONARY VEINS abnormalities)

*...mark*

**GHITESCU, Mihaiu, Dr.**

"Fundatia" Surgical Clinic (ministerul sanitatii "Bancu"),  
director: Professor Voineas Marin Gheu, 101, Bucharest,  
of the Academy of the Socialist Republic of Romania.

ap. 3, Mihai Viteazul, No. 11, Bucharest, Romania  
"acute arterial occlusion, surgical and therapeutic studies,  
and treatment."

GHITESCU, T., dr.; TOMESCU, I., dr.; IONESCU, L., dr.; MUNTEANU, I., dr.

Some clinical and therapeutic aspects of arterial embolisms of the extremities. Med. intern. 15 no.3:323-332 Mr '63.

1. Lucrare efectuata in Clinica de chirurgie "Fundeni" (conducator: Prof. Voinea Marinescu).

(EMBOLISM) (AXILLARY ARTERY) (ILIAC ARTERY)  
(FEMORAL ARTERY) (POPLITEAL ARTERY) (HEART DISEASES)  
(CEREBRAL EMBOLISM AND THROMBOSIS)

CULING, F., Ing.; SHETTA, A., Ing.; VILAN, M., Ing.

Some aspects of the maintenance and repair of diesel engines  
in electric stations. Energetica Rum 12 no.11:580-587 N '64.

10000A, 7.

Physical training for parachutists. . . 1.  
"Parachutist," December, Vol. 1, No. 4, Apr. 1940.

3: Monthly List of Most European Acquisitions, USSR, 10, Vol. 1, No. 1, Oct. 1950,  
"Incl."

CHITIA, V.

The Findings of the A.V.S.A.P.'s (Voluntary Society for the Support of National Defense) Committee on Central Committee are to be Recommended  
Against Patriotic (The Works of the Patriotic), #L12:Apr-5

GHITTA, L., ing.; DRAGOMIR, D., ing.

Device for determination of the deformations in massive concrete constructions. Hidrotehnica 8 no.8:298-302 Ag'63

GHITULESCU F.; DRAGUSIN I.

Rapid method for determination of the chloral in the technical products resulting from chlorination of ethyl alcohol. Rev chimie Min petr 15 no. 3: 164-164 Mr '64.

1. Combinatul chimic, Borzesti.

~~Chitu, F.I.~~ [Chitu, F.I.], zasluzhennyi vrach Moldavskoy SSR.

Treatment of sympathetic inflammation and sympathetic iridocyclitis  
with antibiotics combined with cortisone. Oft.zhur. 15 no.7:441-442  
'60. (MIRA 13:11)

1. Is glaznogo otdeleniya Pervoy gorodskoy bol'nitsy g.Bel'tsy.  
(IRITIS)  
(ANTIBIOTICS)  
(CORTISONE)

LUPEI, Nestor, conf.; GHITULESCU, T., ing.; GRAEF, Carol, ing.; ILICA, D., ing.;  
ANDREI, M.

Regional geologic conferences. Rev min 14 no.9:420-421 S '63.

RUMANIA

CHITULEASA, M., Lt-Col, Dr [affiliation not given]

"The First Aid and Treatment of Limb Traumatisms at the Medical Station of the Unit."

Bucharest, Revista Sanitara Militara, Vol 59, No 3, May-Jun 63,  
pp 559-563.

Abstract: Describes the emergency and therapeutic measures to be adopted for sores, contusions, fractures, luxations and sprains incurred during sport activities, work accidents and automobile accidents.

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HUICA, I.; BICLESANU, V.; GRAHMALIUC, G.; GHIU, T.; OPREA, M.; POPA, S.

On the age of the broken stones at Schela-Bumbesti Jiu-Arseni  
(northwest of Getic Depression). Dari seama sed 49 pt. 2:113-117  
'61-'62 [publ. '64]. (MIRA 17:11)

1. Submitted March 10, 1962.

GHIULAI, Constantin, ing.; DUMITRU, Gheorghe, ing.; GROZA, Alexandru, ing.;  
GHIULAI, Mihai, ing.; NEGRUS, Eugen, ing.

Criteria for determining the periodicity of car maintenance  
operations. Rev transport 11 no.9:381-386 S '64.

GHIULAI, M.; PODOABA, M.

New Soviet regulations for technical servicing and repair of autovehicles.

p. 55  
Vol. 3, no. 2, Feb. 1956  
REVISTA TRANSPORTURILOR  
Bucuresti

SO: Monthly List of East European Accessions (EHAL), LC, Vol. 5, no. 12  
DECEMBER 1956

GHIUAI, M

GHIUAI, M.

GHIUAI, M. Application in industrial automobile operation of repair methods by means of the replacement of aggregates. p. 37.

Vol. 4, no. 1, Jan. 1957  
REVISTA TRANSPORTURILOR  
TECHNOLOGY  
ROMANIA

See: East European Accession, Vol. 6, No. 5, May 1957

GHIULAI, M., ing.; GHEORGHE, D., ing.

Determining the elements of an optimal system of technical maintenance  
for motorcars. Rev transport 9 no.10:413-420 0 '62.

GHIULAI, Constantin, ing.; DUMITRU, Gheorghe, ing.; GROZA, Alexandru, ~~ing.~~; GHIULAI, Mihai, ing.; NEGRUS, Eugen, ing.

Criteria for determining the periodicity of car maintenance operations. Rev transport 11 no.9:381-386 S '64.

MAXIM, Ion Al.; GHIURCA, Virgil

Form varieties of the *Unio Wetzleri flabellatiformis* Mik.  
in the Pliocene of Darsida, Salaj. Studii cerc geol 8.  
no.1:13-33 '63.

1. Comunicare prezentata de academician M.O. Filipescu.

GIVULESCU, Razvan; CHIURCA, Virgil

Preliminary note on the fossil flora in the Chiuzbaia.  
Communicare AR 13 no.5:449-453 My '63.

1. Comunicare prezentata de academician M.G. Filipescu;  
Institutul pedagogic, Baia-Mare si Universitatea "Babes-  
Bolyai", Cluj, Catedra de geologie-mineralogie.

CHIURCA, V.; GIVULESCU, R.

Cases of gigantism in the *Palaeocarpilius macrocheilus* Desmarest form in the Upper Eocene at Buciumi (Tara Chioarului) Baia Mare Basin. *Studii cero geol geogr* 9 no.2: 543-549 '64.

1. Faculty of Biology and Geography, "Babes-Bolyai" University, Cluj, and the Pedagogic Institute, Raia Mare. Submitted March 10, 1964.

Behnke, F., 1990: The development of the CFS system in the 1980s. In: *Advances in the study of climate variability and climate change: the 1980s*, Eds. J. M. Wallace and P. M. Cox, 113-136. Cambridge University Press, Cambridge.

STERESCU, N.; STANCU, Alexandra; SERBAN, Margareta; GHIZARI, Eugenia.

Bearing of alloxanic diabetes on the biliary secretion. Studii cerc  
fiziol 4 no.4:529-536 '59. (EEAI 9:9)

1. Institutul de fiziologie normala si patologica "Prof. Dr.  
D.Danielopolu" al Academiei R.P.R. 2. Comitetul de redactie,  
Studii si cercetari de fiziologie (for Sterescu)  
(DIABATES)  
(BILE)

VASILESCU, V.; COVASNEANU, Zenobia; DUMITRESCU-PAPAHAGI, Elena; FOTINO, S.;  
BITTMAN, E.; SUCHANSCHI, Maria; GHIZARI, Eugenia; IONESCU, C.

On some metabolic and hematological reactions of chemical workers to  
nitroaromatic substances. Studii cerc fiziol 5 no.1: 53-57 '60.  
(EEAI 9:12)

1. Institutul de fizilogie normala si patologica "Prof. Dr.  
D.Danielopolu al Academiei R.P.R. 2. Redactor responsabil adjunct,  
Studii si cercetari de fizilogie (for Vasilescu)  
(NITRO GROUP)  
(AROMATIC COMPOUNDS)  
(BLOOD)  
(METABOLISM)  
(CHEMICAL WORKERS)

PETRESCU, D.; SCHIAU, S.; BOROS, I.; GHIZARI, Eugenia; DEBAU, M.  
STORNESCU, R.

Studies on the hemolysin formation inside the limits of the primary  
immune response in the rabbits irradiated with the roentgen rays.  
Studii cerc fiziol 5 no.1:219-227 '60. (EEAI 9:12)

1. Institutul de fiziologie normala si patologica "Prof. Dr.  
D.Danielopolu" al Academiei R.P.R.  
(HEMOLYSIS AND HEMOLYSINS)  
(AGGLUTINATION)  
(X RAYS)

PETRESCU, D.; SCHIAU, S.; BOROS, I.; GHIZARI, Eugenia; DEBAU, M.  
STOENESCU, R.

Variations of the hemolytic complement of serum during the primary  
immunization of rabbits treated with the Roentgen rays. Studii  
cerc fiziol 5 no.2:421-428 '60. (EEAI 10:2)

1. Institutul de fiziologie normala si patologica "Prof. Dr.  
D.Danielopolu" al Academiei R.P.R.  
(HEMOLYSIS AND HEMOLYSINS) (COMPLEMENT FIXATION)  
(IMMUNIZATION) (X RAYS)

GHIZARI, Eugenia; SCHIAU, S.; STOENESCU, R.; BOROS, I.; DEBAU, M.;  
PETRESCU, D.

Researches on the variations of proteinemia during the process of  
active immunization in rabbits radiated with the Roentgen rays.  
Studii cerc fiziol 5 no.2:435-444 '60. (EEAI 10:2)

1. Institutul de fiziologie normala si patologica "Prof. Dr.  
D.Danielopolu" al Academiei R.P.R.  
(PROTEINS) (BLOOD) (X RAYS) (IMMUNIZATION)

PETRESCU, D.; SCHIAU, S.; BOROS, I.; GHIZARI, Eugenia; STOENESCU, R.  
DEBAU, M.

Formation of agglutinins in the course of the secondary immune  
response in rabbits radiated with Roentgen rays. Studii cerc fiziol  
5 no.3: 565-570 '60.  
(EBAI 10:2)

1. Institutul de fiziologie normala si patologica "Prof. Dr.  
D.Danielopolu" al Academiei R.P.R.  
(AGGLUTININS) (IMMUNITY) (CONDITIONED RESPONSE)  
(X RAYS)

IMBRECHI, I.; SCHIAV, S.; ISROS, I.; GIVRAU, Eugenia; STOIANESCU, R.;  
GRIGU, N.

Alexinile variations during the secondary immune reaction  
in the rabbits exposed to roentgen rays. Studii cerc fizici  
no. 4731-737 '60.

(1. Complements(Immunity) 2. X rays)

.. Institutul de fiziologie normala si patologica "prof. Dr.  
D. Danielloplu" al Academiei R.P.R.

VASILESCU, V.; NICULESCU, V.; CAPIINA, S.; BORDEIANU, Aurelia; GHIZARI, Eugenia

Experimental investigations on the biochemical composition and biological effects of some liver extracts. Studii cerc fiziol 6 no.2:229-235 '61.

1. Institutul de fiziologie normala si patologica "Prof. Dr. D. Danielopolu" al Academiei R.P.R. 2. Redactor responsabil adjunct, "Studii si cercetari de fiziologie" (for Vasilescu).

(LIVER) (METABOLISM)

PETRESCU, D.; SCHIAU, S.; BOROS, I.; GHIZARI, Eugenia; STOENESCU, R.; DEBAU, M.

Formation of hemolysins within the secondary immune response in rabbits exposed to roentgen rays. Studii cerc fiziol 6 no.2:295-300 '61.

1. Institutul de fisiologie normala si patologica "Prof. Dr. D. Danielopolu" al Academiei R.P.R.

(HEMOLYSIS AND HEMOLYSINS) (X RAYS)

VASILESCU, V.; COVASNEANU, Zenobia; DUMITRESCU-PAPAHAGI, Elena; FOTINO, S.;  
BITTMAN, E.; SUCMANSCHI, Maria; GHIZARI, Eugenia; IONESCU, C.

Clinical and laboratory investigation: concerning metabolic, hematological,  
and neuromuscular excitability changes in workers from the nitro-aromatic  
compounds chemical industry. Rumanian M Rev. no.1:275 Ja-Mr '61.

1. The "Prof. Dr. Danielopolu" Institute of Normal and Pathological  
Physiology, Academy of the R.P.R., Director: Acad. Gr. Benetato.  
(METABOLIC DISEASES) (BLOOD DISEASES)  
(NERVE ENDINGS diseases) (OCCUPATIONAL DISEASES)  
(TRINITROTOLUENE toxicology)

CRISTEA, M.; CLEJAN, L.; GHIZARI, Eugenia; NICOLAESCU, T.

Studies on the value of the test with serous histaminopexy for the diagnosis of allergic diseases. Studii cerc fiziol 6 no.1:73-78 '61.  
(EEAI 10:9)

1. Institutul de fiziologie normala si patologica "Prof. Dr. D. Danielopolu" al Academiei R.P.R. 2. Secretar stiintific al Comitetului de redactie, "Studii si cercetari de fiziologie"(for Cristea).  
3. Membru al Comitetului de redactie, "Studii si cercetari de fiziologie" (for Nicolaescu).

( ALLERGY) (BLOOD SERUM) (HISTAMINE)

PETRESCU, D.; SCHIAU, S.; BOROS, I.; GHIZARI, Eugenia; STOENESCU, R.; DEBAU, M.

Formation of agglutinins in the primary immunization of the rabbits  
radiated with roentgen rays. Studii cerc fiziol 6 no.1:91-98 '61.  
(EEAI 10:9)

1. Institutul de fiziologie normala si patologica "Prof. Dr. D.  
Danielopolu" al Academiei R.P.R.

(AGGLUTININS) (IMMUNITY) (ROENTGEN RAYS)

BENETATO, Gr.; HAULICA, I.; NESTIANU, V.; BUBUIANU, E.; GARDEV, M.;  
GHIZARI, E.; DUMITRIU, S.

Investigation of the relationship between cortical electric activity  
and cerebral metabolism. Rev. sci. med. 7 no.1/2:13-22 '62.

1. Member of the Academy of the R.P.R. (for Benetato).  
(CEREBRAL CORTEX) (GLUTAMINE) (BRAIN)

BENETATO, Gr.; HAULICA, I.; ABAHEI, L.; GHIZARI, Eugenia; MANESCU, Victoria

Excitatory effect of the reticular formation on the functional bio-  
chemistry of the cerebral cortex. Stud. cercet. endocr. 14 no.4/5/6:  
457-466 '63.

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CAPILNA, S.; ABABEI, L.; GHIZARI, Eugenia; STAFAN, Maria

Changes in anorganic pyrophosphatase enzymatic activity of the liver and brain of rats treated with molybdenum and tungsten ions. Fiziol. norm. pat. 10 no. 5:445-447 S-0 '64.

1. Institutul de fizicologie normala si patologica "D. Danielegiu" al Academiei Republicii Populare Romine.

NICOLAESCU, T., dr.; GABRIELESCU, Elena, dr.; GHIZARI, Eugenia, chim.; STOICULESCU, P., dr.; BITTMAN, E., dr.; BODEYANU, Aurelia, dr.

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1. Lucrare efectuata in Sectia clinica a Institutului de fiziologie normala si patologica "D. Danielopolu" al Academiei Republicii Populare Romane (director: acad. Gr. Benetatu).

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New technological processes for repairing the roller bearing grease boxes. Rev sailor fer 11 no.1:36-39 Ja '63.

GHIZEL'A, I.

TECHN. LACV

Periodicals: MEROGENIA. Vol. 3, no. 3, July 1959

GHIZEL'A, I. Lowering the phreatic level by means of micellar filters;  
experimental works and the method applied in a pumping station on the  
Foroska island. p. 287

Monthly List of East European Accessions (EMA) 16, Vol. 1, No. 2,  
February 1959, Unclass.

KOTER, Mieczyslaw; GHODAN, Jerzy

Influence of postleaching sedimentations of nonferrous metal industries  
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1026-1029 S '63. (MRA 17:12)

1. From the Department of Human and Animal Physiology, State  
University, Rostov-on-the-Don.

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A study of alpha-keto-acids in protein malnutrition. Acta med.  
hun. 15 no.1:57-63 '60.

1. Institute of Child Health, Calcutta.  
(KETO ACIDS metab.)  
(DEFICIENCY DISEASES in inf. & child)

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The action of luteoid on the uropygial glands of male pigeons. *Folia  
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1. Histo-Physiology Laboratory, Department of Zoology, University of  
Calcutta, India.

(PROGESTERONE)  
(UROPYGIAL GLAND)

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(Mineralogical societies)

IZSO, Zoltan.; GHYCZY, Kalman.

Effect of intravenous liver extracts on cardiac edema. Orv.  
hetil. 96 no.19:522-523 8 May 55

1. A Bajcsy-Zsilinszky Korhaz (igazgato: Andics Gabriella dr.)  
Kardiologia osztalyanak (foorvos: Zarday Imre dr.) es a Fovarosi  
Kozponti Iskolai Szivbetegsongozo Intezet (igazgato: Plenczner  
Sandor dr.) kozlemene.

(CONGESTIVE HEART FAILURE, therapy,  
liver extracts)

(LIVER EXTRACTS, therapeutic use,  
liver extracts)

10. Determination of voltage drop variations. By P. Gilvary („Elektrotechnika“ Electrotechnics Vol. 11, No. 11, pp. 301-304, Nov., 1949).

In dealing with the unfavourable influence voltage variations have on networks, the duration is considered as a decisive factor. The new concept of voltage distribution, i.e. the difference in the course of the rated voltage and the constant rated voltage, is introduced. A special tolerance system is deduced taking into account both the magnitude and the duration of variation. This system serves as a standard prescription for obtaining the uniformity of voltage supply.

APPROVED FOR RELEASE: 09/24/2001

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1222

Acta de Kemist. Vol. 14, No. 2, July 1954, p. 111.

<sup>6</sup> : Western European Economic List, '11, No. 1, Oct 1951, Lib. of Congress

APPROVED FOR RELEASE: 09/24/2001

**CIA-RDP86-00513R000515020005-3"**

Ghyczy-S

10.0 g. MeN.CO(Me)CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>CO.Me in 20

ml. H<sub>2</sub>O was added dropwise with stirring to 1 g. LiAlH<sub>4</sub> in 20 ml. H<sub>2</sub>O diluted 1 hr. at 50-55° kept 8 hrs. at room temp., 20 ml. H<sub>2</sub>O and H<sub>2</sub>O added, the mkt. exd. 24 hrs. with H<sub>2</sub>O in an extractor and the H<sub>2</sub>O dried and evapd. to yield 0.7 g. MeN.CHO(CH<sub>2</sub>)CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>OH

mp. 55-58°, methiodide, m. 103-4° (from 81% EtOH-  
Et<sub>2</sub>O). Reduction of 0.5 g. MeN.CHO(CH<sub>2</sub>)CH<sub>2</sub>CO.CH<sub>2</sub>.CHMe

with 0.5 g. Na in 50 ml. EtOH gave 7 g. MeN.CHMe(CH<sub>2</sub>CH<sub>2</sub>OH).CH<sub>2</sub>CO.CHMe, m. 100-101°, methiodide, m. 280° (from abs. EtOH). A soln. of 10 g. MeN.CH<sub>2</sub>.CH<sub>2</sub>(OH).CO.CH<sub>2</sub>.CH<sub>2</sub> in 70 ml. EtOH was reduced in the presence of Raney catalyst (from 10 g. Al-Ni alloy with 40% Ni) at 100° and 170 atm. during 3 hrs., the catalyst filtered off, the filtrate evapd. to a residue, with Me<sub>2</sub>CO and the Me<sub>2</sub>CO evapd. to leave 0.6 g. pure MeN.CH<sub>2</sub>.CH(OH).CH(OH).CH<sub>2</sub>CO.CH<sub>2</sub>.CH<sub>2</sub>, m. 90-90.5°, methiodide, m. 260° (from abs. EtOH).

E. Ghyczy

GHYCZY, Sanja, ing.

Chromatographic determination of 4-chloro-2-methylphenoxyacetic acid. Kem ind 10 no 5:119-124 My'61.

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FLES, D.; GHYCZY, T.

The absolute configuration of 3-carboxypyrrolidine  
( $\beta$ -proline). Croat chem acta 36 no.1:27-32 '64.

1. Laboratory of Organic Chemistry and Technology, Faculty  
of Technology, University of Zagreb, Zagreb.

CONSTANTINESCU, P., conf.; GHYKA, Gr., dr.

Modeling a new type of protein synthesis mechanism.  
Automatica electronica 8 no. 1:12-15 Ja-F '64.

BONI,C., dr.; DUMITRESCU,M. dr.; GHYKA, Gr. dr.; ILIE, E., dr.

Current data on the bio-structure and functions of the cell nucleus in normal and pathological conditions. I. Bio-structure of the nucleus. Med. intern. (Bucur.) 16 no.4:493-504 Ap'64.

1. Institutul "Dr.I. Cantacuzino" si Clinica medicala "Colentina" din Bucuresti.

\*

GHYK1, Gr., dr., ROMA, C., dr., ROMER, W. R., Jr., DR. H. V. J. dr.

Current data on the biology, size and function of the red nucleus in normal and pathological conditions. II. Biochemistry of the nuclear constituents. A. J. Green, Berlin, 1949 Chap. 3 '64.

2. Nuclear effects of 2-mercaptoethanol and of 2-mercaptoethanol-dependent factors, 1960

DUMITRESCU, M., dr.; GHYKA, Gr., dr.; BONA, C., dr.; ILIE, E., dr.

Current data on the biosynthesis and functions of the cell nucleus  
in normal and pathological conditions. II a. Genetic mechanism of  
regulation of normal and pathological protein synthesis. Med.  
intern. (Bucur) 17 no.2:141-148 F'65.

1. Lucrare efectuata in Institutul "Dr. I.Cantacuzino" si  
Clinica medicala a Spitalului "Colentina", Bucuresti.

## PAGE 1 BOOK EXPIRATION

500/905

International symposium on macromolecular chemistry. Moscow, 1960. 1960 è anche l'anno del *International Symposium on Macromolecular Chemistry held in Moscow June 18-25 (Papers and Summaries)* Section II. [Moscow, Izd-vo Akad. Nauk SSSR, 1960] 559 p., 5,200 copies printed.

Organizing Agency: The International Union of Pure and Applied Chemistry, Commission on Macromolecular Chemistry  
Tech. Ed.: T.A. Prokof'ev.

Purpose: This book is intended for chemists interested in polymerization reactions and the synthesis of bi-molecular compounds.

Content: This is Section II of a massive work consisting seven on macromolecular chemistry. The paper in this volume treat mainly the kinetics of various polymerization reactions initiated by different catalysts or induced by radiation. Among the research techniques discussed are electron paramagnetic resonance, electron and light-scattering, interpolation. There are summaries in English, French and Russian. 50 pamphlets are mentioned. Editor:

Stach, E. and J. Horváth (eds). On the Mechanism of the Polymerization Reactions of Heterocyclic Polymers

Stach, E. and J. Horváth (eds). On the Kinetics of a Reaction on Catalyst Stability

Vlachopoulos, G., N. Marin, and I. Trifunovic (editors). Kinetics of the Polymerization of Isobutylene on a heterogeneous Catalyst  
Boden, V. (ed.) Heterogeneous Catalysts for the Polymerization of Liquid Olefins

Veselý, E., I. Adamek, B. Vlček, and O. Řeplík (editors). The Effect of Donor Type Impurities on the Polymerization of Propylene. Catalyzed by the System Titanium Trichloride-Triethyl-Aluminum

Popov, V. (ed.) Study of the Polymer Leading to the Determination of the Chain Structure During the Ionic Polymerization of Iones of Ionomers. Ed. V. Popov, and A.P. Kuznetsov (RSFSR). Study of the Interaction of Organometallic Compounds With Salts of Heavy Metals and the Use of Organometallic Compounds and Their Complexes as Initiators of Polymerization

Santos, J., and E. Ochi (Brazil). The Effect of Organic Imer Catalysts of Some Kinds of Vinylidene Valence on the Kinetics of the Polymerization of Vinyl Compounds

Novak, B.V., M.I. Novozhilova, Yu. I. Podolitskii, and S.I. Kuznetsov (Russia). Study of Some Properties of the Mechanism of Polymerization Under the Action of Complex Catalysts

Favre, V., B.I. Marin, R.I. Sazanova, and M.J. Toman (USA). Heterogeneity and the Optical Properties of Polymers

Birchberger, J., Yu. Ia. Gorobik, and O.B. Ptitsyn (USA). The Heterogeneity of Polymers and Methods of Study

Abraham, A.F., Suresh, M.S., Takemoto, and S.P. Mukherjee (USA). On Carbonyl and Carbonyl Polymers Mechanisms Under the Effects of Gamma Radiation

Garcia, E. and T.A. Prokof'ev (USA). Polymerization Processes in Insoluble Molecular Dispersions

Reichert, J., I. Melikh, and L. Pál (Czechoslovakia). Kinetics of the Polymerization of Phenylalkene

Veselý, E. (Czechoslovakia). On the Mechanism of Ionic Polymerization

Silim, S., and A. Fidje (Czechoslovakia). On the Role of Nonpolar

Compounds in the Cationic Polymerization of Isobutylene

Editor: E. Stach, J. Horváth, and T.A. Prokof'ev

SIMON, Arthur; GHYMES, Gyorgy; GOR-NAGY, Sandorne

Data on the reaction kinetics of Ziegler's catalysts.  
Magy kem folyoir 66 no.10:386-389 O '60.

1. Szerves Vegyipari es Muanyagipari Kutato Intezet,  
Budapest.

### Glaciology

and of the last cells from internode 1 to 14 inclusive. The first 100 cells of the 1st, 2nd, 3rd, 4th, 5th, 6th, 7th, 8th, 9th, 10th, 11th, 12th, 13th, and 14th internodes were measured.

1961-1962

Author: Dr. Miltan, Dr. Physician-major (orveotmely), MIAMI M. Miklos,  
Dr. Major-captain (orveos aranyos).

Comment: "Heart Failure During Surgery is One Success of Our"

Author: Miklos, Miklos, Vol 14, No 1, Jan-Mar 63, pg 38-51.

Abstract (from the Hungarian summary) Oxygen deficiency as a cause of circulatory depression, together with toxic and reflex factors, are usually present in the etiology of the cardio-respiratory syncope. Hypoxia is the most possible by their avoidance. Rapid and purposeful action is decisive: artificial respiration successful within 1-2 minutes, thoracotomy and heart massage, accompanied by blood transfusion and drug treatment. The author's records largely on the rapid initiation of life support. The authors review the practical questions of etiology, circ. mode and therapy and describe a case of heart failure during a traumatical operation which led to a completely successful resuscitation. 71 references, of us two-thirds are Eastern European, the rest is Western.

HUNGARY

MACINTO, Miklos, Dr. physician-captain; [affiliation not given].

"Some Problems in the Treatment of Shock Under Field Conditions."

Budapest, Honvedorvos, Vol XV, No 3, July-Sept 1963, pages 157-169.

Abstract: [Author's Hungarian summary] A short discussion on the pathogenesis of shock is followed by the description of the possibilities of its prevention and treatment under field conditions. The most important preventive measures are the use of analgetics and rest. Among the therapeutic means, some problems of transfusion, analeptica, application of heat and cooling, oxygen therapy and lytic therapy are covered. Important details are pointed out by the author for the training of workers for successful mass-care. Some financial points are mentioned concerning the supply of equipment for the treatment of shock. 12 Eastern European, 12 Western references.

1/1

GIACINTO, Miklos, dr.; MAGYAR, Istvan, dr.; WALSA, Robert, dr.

Use of muscle relaxants in electroshock therapy. Orv. hetil.  
106 no.46:2168-2171 14 N '65.

1. Magyar Nephadsereg Egeszsegugyi Szolgalaata.

GIACINTOV, P.  
SURNAME, Given Names

Country: /presumably/ Czechoslovakia

Academic Degrees: Doctor of Veterinary Medicine

Affiliation: Brno

Source: Prague, Veterinarstvi, Vol XI, No 7, 1961, pages 270-271.

Data: "Radioisotopes in the Measuring Technique and Automation."

600 981643

RUMANIA/Chemical Technology. Pharmaceuticals. Vitamins.  
Antibiotics.

H

Abs Jour: Ref Zhur-Khim., No 24, 1958, 82706.

Author : Martonfi L., Sarudi L., Giacomuzzi J.

Inst :

Title : A New Method for the Quantitative Determination of  
Sulfur in Solutions of Calcium Polysulfide and Sodium  
Thiosulfate.

Orig Pub: Rev. Med. (RPR), 1957, 3, No 4, 92-96.

Abstract: A new method for the quantitative determination of  
sulfur in "Solutio calcii Sulfurati" is developed.  
The preparation is oxidized with a neutral solution  
of  $H_2O_2$  in the presence of a known amount of 0.1 N  
Na OH, the excess is titrated with 0.1 N HCl and the  
amount of alkali consumed by sulfur, which was oxi-

Card : 1/2

18

RUMANIA/Chemical Technology. Pharmaceuticals. Vitamins.  
Antibiotics.

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Abstr Jour: Ref Zhur-Khin., No 24, 1958, 82706.

dized to  $H_2SO_4$ , is determined. The method is more simple and exact than the one recommended by Rumanian Pharmacopeia VII. In the same way, by the consumed alkali the sulfur was determined in sodium thiosulfate. The advantage of the method depends on the fact that the presence of sulfites does not interfere with the determination.

Card : 2/2

5

27  
Quantitative analysis of calcium polysulfide and of sodium polysulfide / László Marton, Lili Barad, and János Oláh / *Orvosi Szemle* 3, No. 4-5, 226-7 (1987). — The Ca polysulfide soln. listed in the Romanian Pharmacopoeia contains  $\text{CaS}_2$  and Ca thiosulfate in a 2:1 mole ratio. Its therapeutic value is due to the unstable polysulfide-S complex, 8.88% when the soln. is freshly prep'd., which decreases steadily during storage. The new test for the quant. analysis of the soln. provides for its oxidation by  $\text{H}_2\text{O}_2$  in the presence of a known quantity of NaOH and subsequent titration of the excess NaOH by HCl soln. The test can also be applied to an analysis of Na thiosulfate. The presence of Na sulfite impurities does not impair the remarkable accuracy of the test.

Felicitas D. Goodman

169

~~GIAJA, Alexandre~~

~~Corn in nutrition. Bull.Acad.serbe sc., classe med. 11 no.2:126-130 1954.~~

~~(CORN,  
nutritional value)~~

GIAJA, I.

(3) ✓  
Energy metabolism, oxygen pressure, and oxygen  
debt in animals bearing experimental tumors X. Chalas-  
vitch and I. Gaja (Acad. Sci., Belgrade, Yugoslavia)  
*Acta Unio Intern. Urol. et Cancerum* 7, 81-6 (1970) (in French)  
Richard E. Riley J.

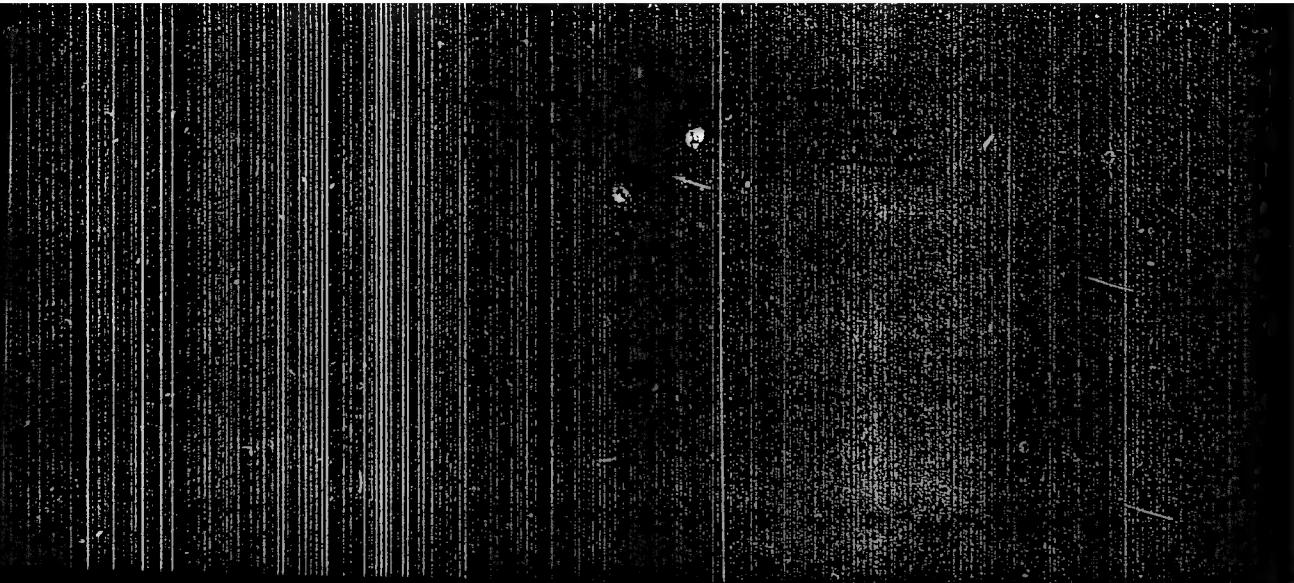
J. GIAJA, R. ANDUS

"Thyroidectomy and the effect of the adaptational thermic medium upon the production of oxygen pressure." LE BAROQUOTIENT. p. 235. (BULLETIN. SCIENCES NATURELLES, Vol. 4, no. 2, 1952, Beograd, Yugoslavia)

SO: Monthly List of the East European Accessions, L. C., Vol. 2, No. 7, July 1953, Uncl.

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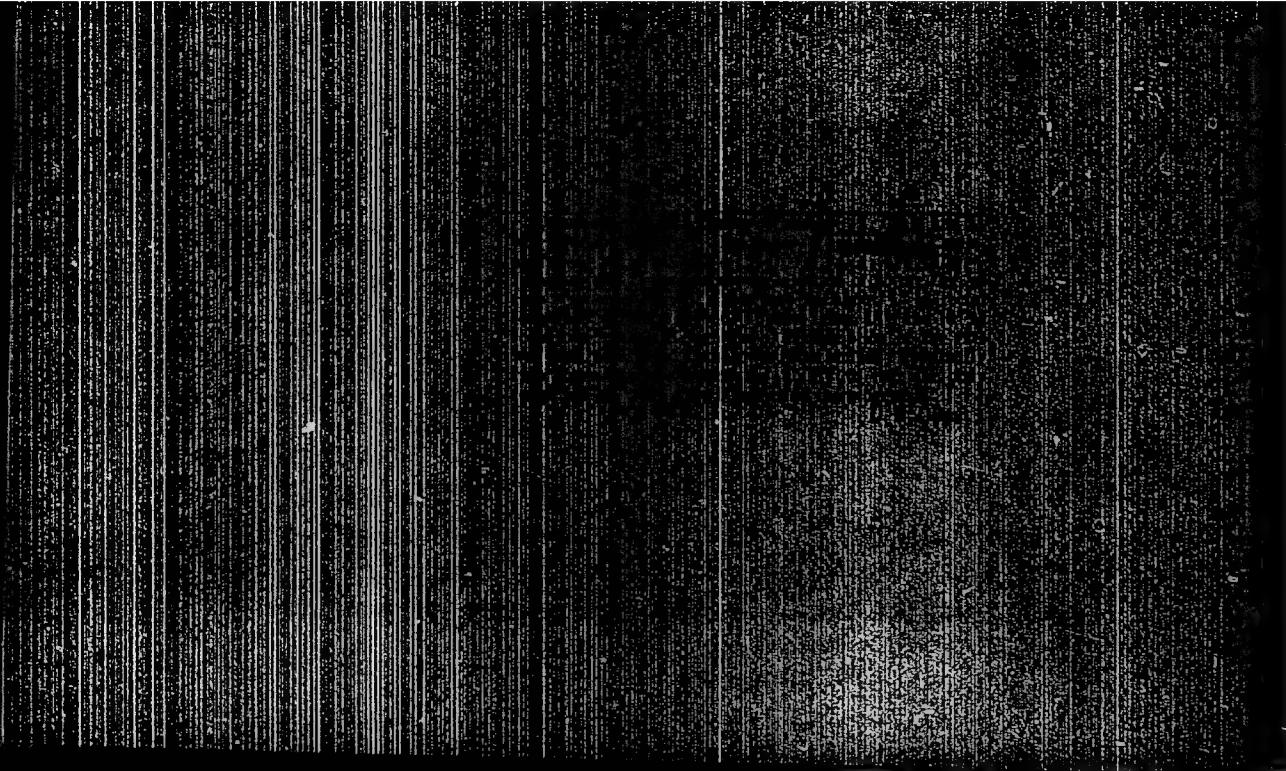
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In 60 mg glucose, rats at 30°C. show a rise of 15-20% in rate in hypoglycemic animals with 50 mg glucose. This is not due to deficiency of glucose as a 100 mg glucose solution gives no increase. (French)

W. F. Nutt.

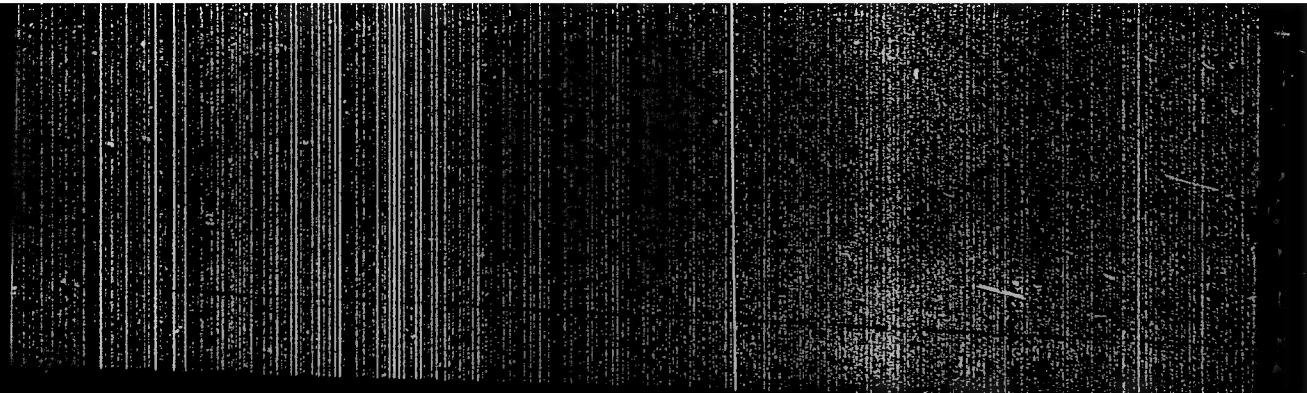
L. E. G.

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卷之三

What does one expect from the dispersion called isotropy?

J. 11 (July 1, 1937) Budapest Vol. 12, no. 1, Apr. 1938.

ECI: monthly index of East European currencies (n=1) 1985.01.01 = 100, 11 November 1997.

CH  
G-102 N.Y.U. L. G.

16

Technology of white wines (Kakhetinsky type). D. S. Giashvili, M. P. Beriya (Georgian Inst. of Winemaking) (Tbilisiadzis S.S.R. 9, No. 1, 21-3 (1949). Acidification of the press with  $H_2SO_4$  improves the organoleptic properties of the resulting wine. Comparative data are given for old and new processes. H. O.

1951

18(7);28(5)

PHASE I BOOK EXPLOITATION

SOV/1970

Serensen, S.V., M.N. Stepnov, V.P. Kogayev, and Ye. V. Giatshintov

Issledovaniye rasseyaniya kharakteristik vynoslivosti konstruktsionnykh alyuminiyevykh splavov v svyazi s tekhnologiyey ikh proizvodstva (Research on the Scattering of Endurance Characteristics of Structural Aluminum Alloys in Connection With Production Technology) Moscow, Oborongiz, 1958. 122 p. 2,600 copies printed (Series: Moscow. Aviatsionnyy tekhnologicheskiy institut. Trudy, vyp. 35)

Sponsoring Agency: Moscow. Aviatsionnyy tekhnologicheskiy institut.

Ed.: T.M. Fedorova, Candidate of Technical Sciences; Resp. Ed.: A.S. Zaymovskaya, Engineer; Ed. of Publishing House: E.I. Shekhtman; Tech. Ed.: L.A. Garnukhina.

PURPOSE: The book is intended for engineering, technical, and scientific personnel, and for graduate students (aspiranty) and students of machine building and metallurgy.

Card 1/5

Research on the Scattering of Endurance (Cont.)

SOV/1970

**COVERAGE:** The book presents methods of fatigue testing to determine the scattering characteristics of fatigue-life indexes of aluminum alloys. Investigation of the effect of pressing, forging, and stamping these characteristics in aluminum alloys are described. Data on stressed state during tests are included. Effect of specimen on the scattering of fatigue-life indexes is described. Specimens taken from typical high-stressed parts made of V95 and D16 aluminum alloys were tested for fatigue strength. Based on tests of a large number of specimens, probable stability characteristics of fatigue-strength properties and basic data on the effect of degree of deformation of alloys, of the conditions of thermal treatment, etc., were obtained. Considerable attention was given to testing methods and to systems for working out results on the basis of currently-used statistical preseptations. The article suggests that these methods should be widely applied in laboratory practice in testing structural alloys for strength. The following Soviet personalities are mentioned: G.I. Ivanov, (fatigue-life of alloy D16 with its treatment); S.M. Voronov, M.N. Stepnov and S.N. Tarantov, (effect of temperature of pressing on the mechanical properties of aluminum alloys); Ya.B. Fridman and M.M. Roitman (micretesting machine for static testing now in use in the VIAM-All-Union Scientific Research Institute of Avia-

Card 2/5

## Research on the Scattering of Endurance (Cont.)

SOV/1970

tion Materials); M.Ya. Shashin, A.I. Kochetov, and A.D. Krolevetskiy (problems of metal fatigue). There are 37 references: 7 Soviet, 27 English, and 3 German.

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2. Effect of the degree of plastic tension in a cool state	10
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4. Effect of structure of the material	14
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1. Scattering of fatigue-life characteristics and its causes	23
2. Statistical interpretation of the results of fatigue tests	32

Card 3/5